

SWP (safe work procedures): Electrical Safety

Task: Electrical works such as using a corded power tool or light-source	Tools/devices required: - Required power tool - Electrical source (power tool, light-source, outlet, extension cord, etc.) - CSA footwear - Work-gloves - Safety glasses
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Tasks:

- Arkay workers must, at times, use electrical tools, light-sources and outlets during the course of regular duties
- Arkay workers may be assigned site preparatory tasks for trade work(s), which can involve removing materials, temporary barriers, clean-up, and installing temporary barriers

Hazards

- Corded power tools not inspected for damage or wear and tear
- Extension cords damaged
- Improper or damaged grounding
- Power outlets damaged
- Energized work being conducted around water
- Failure to check work areas and temporary installations in the area of work for electrical equipment/sources

Hazard Controls

- Complete Arkay FLHA
- Inspect the work area
- Inspect all tools, cords and outlets for damage
- Red-tag and remove from service any damaged electrical equipment
- Immediately report to the site CSO any power outlets that are damaged or exposed to water
- If the assigned work is to be conducted in wet weather conditions:
 - Ensure any power cord to be used is in good condition
 - Ensure all junction points are not near standing water, submerged, or otherwise exposed to moisture
- Temporary power breakers must be set-up and maintained in good condition by the hired site with water barriers in place
- If the assigned task involves removing, installing temporary barriers or other installations, the work area must be thoroughly checked for electrical equipment or electrical sources
- If a worker is unsure if an area or task contains an electrical hazard, the worker must check-in with the site CSO or supervisor prior to commencing work